

**Practitioner's Docket No.: 791\_228**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**


In re the application of: Yukihiisa TAKEUCHI, Nobuo TAKAHASHI and  
Mutsumi KITAGAWA

Filed: Concurrently Herewith

For: PIEZOELECTRIC/ELECTROSTRICTIVE FILM TYPE ACTUATOR AND  
METHOD OF MANUFACTURING THE ACTUATOR

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 9, 2003 under "EXPRESS MAIL" mailing label number EL 939118161 US.

  
Elizabeth A. VanAntwerp

**INFORMATION DISCLOSURE STATEMENT**

Sir:

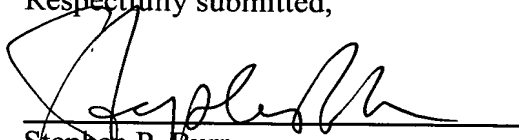
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of an International Search Report bearing a mailing date of June 18, 2002, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution

of this application, and that these references be made of record therein and appear among the  
"References Cited" on any patent to issue therefrom.

Respectfully submitted,

  
\_\_\_\_\_  
Stephen P. Burr  
Reg. No. 32,970

September 9, 2003

Date

SPB/eav

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<b>Form PTO-1449</b>  US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				<b>Application Number</b>	
				<b>Filing Date</b>	
				<b>First Named Inventor</b>	
				<b>Art Unit</b>	
				<b>Examiner Name</b>	
				<b>Confirmation No.</b>	
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>1</b>	<b>Attorney Docket No.</b>	<b>791_228</b>

### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

### U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	<b>AA</b>	0 629 007 A1	12-14-1994	EP				
	<b>AB</b>	04-341851 A	11-27-1992	JP				✓
	<b>AC</b>	2000-308372 A	11-02-2000	JP			JPO Machine Translation	✓
	<b>AD</b>	1 035 595 A2	09-13-2000	EP				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)


<b>Examiner:</b>	<b>Date Considered:</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.